

Call for Papers

Track 8 - Human, Computer and Machine Interaction

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❖ **FOCUS.** The Track aims at bringing together researchers and scholars working on all aspects related to the interaction of Humans with Computers and Machines in industrial contexts to exchange and share their experiences and results. To enable the interaction between human, computers, and machines, this special track provides people a platform to discuss and explore frontier issues on topics including the follows.

❖ TOPICS

- ❖ Adaptive interaction
- ❖ Ambient intelligence
- ❖ Autonomous Cars and Vehicles
- ❖ Cyber Security in HSI
- ❖ HSI in Robotics
- ❖ Health Care, Wearable and Assistive Devices
- ❖ Human-centered automation
- ❖ Human factors and human-in-the-loop
- ❖ Human performance and modelling
- ❖ Human-system interaction
- ❖ Sensing and recognition
- ❖ User-centered design

❖ **AIM.** IEEE INDIN is a flagship conference of IEEE Industrial Electronics Society providing a forum for presentation and discussion of the state-of-art and future perspectives of industrial information technologies, where industry experts, researchers, and academics share ideas and report on recent developments, deployments, technology trends and research results, as well as initiatives related to industrial informatics and their application.

❖ **CONFERENCE FORMAT.** The conference will include multitrack sessions, for both Regular and Special Session papers, to present significant and novel research results with a prospect for a tangible impact on the research area and potential implementations; Industry Forum sessions, in which invited speakers will present use cases, changes, and challenges faced by industry associated with the technical areas of IES; and Tutorials sessions, in which selected speakers will explain state-of-the-art and ongoing hot research techniques and tools, together with hands-on experiments, aimed at solving problems faced by industrial informatics engineers and researchers.

❖ AUTHOR'S SCHEDULE (2020)

❖ Regular and Special Session (SS) papers

SS proposals deadline January 24
Papers submission deadline March 31
Acceptance notification June 11
Deadline for final manuscripts June 30

❖ Tutorials

Tutorial proposals deadline April 23

Track Programme Committee

- ❖ Liliana Antão, *University of Porto, Portugal*
- ❖ Daisuke Chugo, *Kwansei gakuin University, Japan*
- ❖ Maria De Marsico, *University of Rome 'La Sapienza', Italy*
- ❖ Andrea Dunbar, *CSEM, Switzerland*
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- ❖ Chong Shin Horng, *Universiti Teknikal Malaysia Melaka, Malaysia*
- ❖ Giancarlo Iannizzotto, *University of Messina, Italy*
- ❖ Kanghyun Jo, *University of Ulsan, South Korea*
- ❖ Yuka Kato, *Tokyo Woman's Christian University, Japan*
- ❖ Michal Kawulok, *Silesian University of Technology, Poland*
- ❖ Jordi Linares, *Universitat Politècnica de València, Spain*
- ❖ Zhentao Liu, *China University of Geosciences, China*
- ❖ Kohji Makino, *Yamanashi University, Japan*
- ❖ Kou Miyamoto, *Institute of Technology, Shimizu Corporation, Japan*
- ❖ Pedro Neto, *University of Coimbra, Portugal*
- ❖ Joanna Isabelle Olszewska, *University of West Scotland, UK*
- ❖ Luis Ricardo Sapaico, *Meritix Technologies, France*
- ❖ Yasuhiro Shindo, *Toyo University, Japan*
- ❖ Javier Silvestre-Blanes, *Universitat Politècnica de València, Spain*
- ❖ Feng Wang, *China University of Geosciences, China*
- ❖ Marco Winckler, *Université Nice Sophia Antipolis, France*
- ❖ Carsten Wittenberg, *University of Heilbronn, Germany*
- ❖ Sho Yokota, *Toyo University, Japan*
- ❖ Ancai Zhang, *Linyi University, China*
- ❖ Kaihui Zhao, *Hunan University of Technology, China*
- ❖ Lan Zhou, *Hunan University of Science and Technology, China*
- ❖ Xiaokang Zhou, *Shiga University, Japan*